

SEQUENCE LISTING

<110> Semple, Sean C.
Klimuk, Sandra K.
Sherrer, Peter
Hope, Michael J.
Zhang, Yuan-Peng
Reynolds, Mark
Min, John
Inex Pharmaceuticals Corporation
Ribozyne Pharmaceuticals, Inc.



RECEIVED
MAR 21 2000
TC 1600 MAIL ROOM

<120> Liposomal Compositions for the Delivery of Nucleic Acid Catalysts

<130> 016303-005310US

<140> US 09/122,588

<141> 1998-07-23

<160> 1

<170> PatentIn Ver. 2.1

<210> 1

<211> 34

<212> RNA

<213> Artificial Sequence

<220>

<221> modified_base

<222> (1)

<223> n = gm with a phosphorothioate linkage

<220>

<221> modified_base

<222> (2)

<223> n = 2'-O-methyl adenosine with a phosphorothioate linkage

<220>

<221> modified_base

<222> (3)

<223> n = gm with a phosphorothioate linkage

<220>

<221> modified_base

<222> (4)

<223> n = um with a phosphorothioate linkage

<220>

<221> modified_base

<222> (5)

<223> n = um

<220>

<221> modified_base

<222> (6)

<223> n = gm

B1

<220>
<221> modified_base
<222> (7)
<223> n = cm

<220>
<221> modified_base
<222> (8)
<223> 2'-C-allyl uracil

<220>
<221> modified_base
<222> (11)
<223> n = um

<220>
<221> modified_base
<222> (13)
<223> n = 2'-O-methyl adenosine

<220>
<221> modified_base
<222> (14)
<223> n = gm

<220>
<221> modified_base
<222> (15)
<223> n = gm

<220>
<221> modified_base
<222> (16)
<223> n = cm

<220>
<221> modified_base
<222> (17)
<223> n = cm

<220>
<221> modified_base
<222> (18)
<223> n = gm

<220>
<221> modified_base
<222> (19)
<223> n = 2'-O-methyl adenosine

<220>
<221> modified_base
<222> (20)
<223> n = 2'-O-methyl adenosine

<220>
<221> modified_base
<222> (21)
<223> n = 2'-O-methyl adenosine

B'
Cont.

<220>
 <221> modified_base
 <222> (22)
 <223> n = gm

<220>
 <221> modified_base
 <222> (23)
 <223> n = gm

<220>
 <221> modified_base
 <222> (24)
 <223> n = cm

<220>
 <221> modified_base
 <222> (25)
 <223> n = cm

<220>
 <221> modified_base
 <222> (27)
 <223> n = 2'-O-methyl adenosine

<220>
 <221> modified_base
 <222> (28)
 <223> n = 2'-O-methyl adenosine

<220>
 <221> modified_base
 <222> (30)
 <223> n = gm

<220>
 <221> modified_base
 <222> (31)
 <223> n = um

<220>
 <221> modified_base
 <222> (32)
 <223> n = cm

<220>
 <221> modified_base
 <222> (33)
 <223> n = um

<220>
 <221> modified_base
 <222> (34)
 <223> n = gm modified by 3' inverted abasic deoxyribose

<220>
 <223> Description of Artificial Sequence:hammerhead ribozyme
 targeted against VEGF-receptor RNA (VEGF-R-1 ribozyme)

<400> 1
 nnnnnnnnga ngnnnnnnnn nnnnngnnan nnnn